Hydrologic Model Manager

Short Name	WBNM 2000
Long Name	
Description	
Model Type	Rainfall-Flood Hydrograph
Model Objectives	Engineering Flood Studies on Natural & Urban Catchments
Agency Office	Faculty of Engineering, University if Wollongong, Australia 2522
Tech Contact	Dr. M J Boyd Michael0boyd@uow.edu.au
Model Structure	Storage Routing
Interception	
Groundwater	
Snowmelt	
Precipitation	
Evapo-transpiration	
Infiltration	
Model Paramters	Lag time, storage sizes, outlet dimensions
Spatial Scale	0.1 – 10,000 km2
Temporal Scale	1 minute – 7 days
Input Requirements	ASCII text input data file
Computer Requirements	PC with WINDOWS (95, 98, NT, 2000)
Model Output	ASCII text files. Graphical plots
Parameter Estimatn Model Calibrtn	Calibrate lad time parameter
Model Testing Verification	Natural and urban catchments in Australia
Model Sensitivity	Sensitive to lag parameter and fraction imprervious
Model Reliability	Robust. Self checking included
Model Application	
Documentation	User guide and sample input files included
Other Comments	Graphical input/output currently under development
Date of Submission	5/11/2001 7:54:51 AM
Developer	
Technical Contact	
Contact Organization	